23

Claims

What is claimed is:

1 1. In a World Wide Web (Web) communication network with
2 user access via a plurality of data processor controlled
3 interactive receiving display stations for displaying
4 received hypertext documents of at least one display page
5 containing text, images and a plurality of embedded
6 hyperlinks, each hyperlink being user selectable to
7 access and display a respective linked hypertext
8 document, a system for generating surrogate Web browsing
9 sessions comprising:
10   means enabling a user to interactively navigate the
11 Web through a sequence of linked hypertext documents in a
12 browsing session at a receiving display station;
13   means for recording on a real-time basis said
14 interactive navigation of said user in said browsing
15 session;
16   means enabling a subsequent user to follow the path
17 of said recorded navigation on a real-time basis in a
18 surrogate browsing session on a display device; and
19   means enabling said subsequent user following said
20 path of said recorded navigation in said surrogate
21 session to modulate the real-time of said navigation on
22 said display device.

1 2. The system for generating surrogate Web browsing
2 sessions of claim 1 wherein said recorded navigation
3 includes scrolling through a Web document.

1 3. The system for generating surrogate Web browsing
2 sessions of claim 1 wherein said recorded navigation
3 includes selecting a hyperlink in a displayed Web
4 document to access and display the respective linked
5 hypertext document.

1 4. The system for generating surrogate Web browsing
2 sessions of claim 1 further including:
3   means for recording a real-time line for said
4 recorded navigation; and
5   means for displaying said recorded real-time line in
6 said surrogate Web browsing session.

1 5. The system for generating surrogate Web browsing
2 sessions of claim 4 further including:
3   means enabling said user to insert time marks in
4 said real-time line to indicate significant points in
5 said browsing session.

1 6. The system for generating surrogate Web browsing
2 sessions of claim 5 wherein an inserted time mark
3 coincides with said navigation reaching a specific
4 hyperlink in a hypertext document during said browsing
5 session.

1 7. The system for generating surrogate Web browsing
2 sessions of claim 1 wherein said surrogate session is
3 carried out off-line from said Web network.

1   8.   The system for generating surrogate Web browsing
2   sessions of claim 4 further including a user interactive
3   Web browser at said receiving display station, said
4   browser including:
5   said means enabling a user to interactively navigate
6   the Web through a sequence of linked hypertext documents
7   in a browsing session at a receiving display station;
8   said means for recording on a real-time basis said
9   interactive navigation of said user in said browsing
10 session; and
11   said means for recording a real-time line for said
12 recorded navigation.

1   9.   The system for generating surrogate Web browsing
2   sessions of claim 8 wherein said display device is a
3   video cassette player and said navigation in said
4   browsing session is recorded on video tape.

1   10. The system for generating surrogate Web browsing
2   sessions of claim 8 wherein said display device is a
3   computer controlled display having means for storing the
4   recorded real-time interactive navigation.

1   11.   In a Web communication network with user access via
2   a plurality of data processor controlled interactive
3   receiving display stations for displaying received
4   hypertext documents of at least one display page
5   containing text, images and a plurality of embedded
6   hyperlinks, each hyperlink being user selectable to
7   access and display a respective linked hypertext
8   document, a method for generating surrogate Web browsing
9   sessions comprising:
10   enabling a user to interactively navigate the Web
11 through a sequence of linked hypertext documents in a
12 browsing session at a receiving display station;
13   recording on a real-time basis said interactive
14 navigation of said user in said browsing session;
15   enabling a subsequent user to follow the path of
16 said recorded navigation on a real-time basis in a
17 surrogate browsing session on a display device; and
18   enabling said subsequent user following said path of
19 said recorded navigation in said surrogate session to
20 modulate the real-time of said navigation on said display
21 device.

1   12.   The method for generating surrogate Web browsing
2   sessions of claim 11 wherein said recorded navigation
3   step includes scrolling through a Web document.

1   13.   The method for generating surrogate Web browsing
2   sessions of claim 11 wherein said recorded navigation
3   step includes selecting a hyperlink in a displayed Web
4   document to access and display the respective linked
5   hypertext document.

1   14.   The method for generating surrogate Web browsing
2   sessions of claim 11 further including the steps of:
3   recording a real-time line for said recorded
4   navigation; and
5   displaying said recorded real-time line in said
6   surrogate Web browsing session.

1   15.   The method for generating surrogate Web browsing
2   sessions of claim 14 further including the step of:
3   enabling said user to insert time marks in said
4   real-time line to indicate significant points in said
5   browsing session.

1   16.   The method for generating surrogate Web browsing
2   sessions of claim 15 wherein an inserted time mark
3   coincides with said navigation reaching a specific
4   hyperlink in a hypertext document during said browsing
5   session.

1   17.   The method for generating surrogate Web browsing
2   sessions of claim 11 wherein said surrogate session is
3   carried out off-line from said Web network.

1   18.   The method for generating surrogate Web browsing
2   sessions of claim 14 further including a user interactive
3   Web browser method carried out at said receiving display
4   station, said browser method including said steps of:
5   enabling a user to interactively navigate the Web
6   through a sequence of linked hypertext documents in a
7   browsing session at a receiving display station;
8   recording on a real-time basis said interactive
9   navigation of said user in said browsing session; and
10   recording a real-time line for said recorded
11 navigation.

1   19. A computer program having code recorded on a

2   computer readable medium for generating surrogate Web

3   browsing sessions in a Web communication network with

4   user access via a plurality of data processor controlled

5   interactive receiving display stations for displaying

6   received hypertext documents of at least one display page

7   containing text, images and a plurality of embedded

8   hyperlinks, each hyperlink being user selectable to

9   access and display a respective linked hypertext

10 document, said computer program comprising:

11   means enabling a user to interactively navigate the

12 Web through a sequence of linked hypertext documents in a

13 browsing session at a receiving display station;

14   means for recording on a real-time basis said

15 interactive navigation of said user in said browsing

16 session;

17   means enabling a subsequent user to follow the path

18 of said recorded navigation on a real-time basis in a

19 surrogate browsing session on a display device; and

20   means enabling said subsequent user following said

21 path of said recorded navigation in said surrogate

22 session to modulate the real-time of said navigation on

23 said display device.

1   20. The computer program of claim 19 wherein said

2   recorded navigation includes scrolling through a Web

3   document.

1   21. The computer program of claim 19 wherein said

2   recorded navigation includes selecting a hyperlink in a

3   displayed Web document to access and display the

4   respective linked hypertext document.

1   22.   The computer program of claim 19 further including:

2   means for recording a real-time line for said

3   recorded navigation; and

4   means for displaying said recorded real-time line in

5   said surrogate Web browsing session.

1   23.   The computer program of claim 22 further including:

2   means enabling said user to insert time marks in

3   said real-time line to indicate significant points in

4   said browsing session.

1   24.   The computer program of claim 23 wherein an inserted

2   time mark coincides with said navigation reaching a

3   specific hyperlink in a hypertext document during said

4   browsing session.

1   25.   The computer program of claim 19 wherein said

2   surrogate session is carried out off-line from said Web

3   network.

1   26.   The computer program of claim 22 further including a

2   user interactive Web browser program at said receiving

3   display station, said browser program including:

4   said means enabling a user to interactively navigate

5   the Web through a sequence of linked hypertext documents

6   in a browsing session at a receiving display station;

7   said means for recording on a real-time basis said

8   interactive navigation of said user in said browsing

9   session; and

10   said means for recording a real-time line for said

11   recorded navigation.

1 27. The computer program of claim 26 wherein said
2 display device is a video cassette player and said
3 navigation in said browsing session is recorded on video
4 tape.

1 28. The computer program of claim 26 wherein said
2 display device is a computer controlled display having
3 means for storing the recorded real-time interactive
4 navigation.